

### Figure 1

**Target Goal Setup**

Field Name:  Results

Field Description:  User selected results for this segment

Available Components:

Default	
<input checked="" type="checkbox"/>	Epoch
<input checked="" type="checkbox"/>	Vx
<input checked="" type="checkbox"/>	Vy
<input checked="" type="checkbox"/>	Vz
<input checked="" type="checkbox"/>	X
<input checked="" type="checkbox"/>	Y
<input checked="" type="checkbox"/>	Z
<input checked="" type="checkbox"/>	Altitude
<input checked="" type="checkbox"/>	Latitude
<input checked="" type="checkbox"/>	Longitude
<input checked="" type="checkbox"/>	Argument of Periaapsis
<input checked="" type="checkbox"/>	Eccentricity
<input checked="" type="checkbox"/>	Inclination
<input checked="" type="checkbox"/>	Mean Anomaly
<input checked="" type="checkbox"/>	RAAN
<input checked="" type="checkbox"/>	Semimajor Axis
<input checked="" type="checkbox"/>	True Anomaly
<input checked="" type="checkbox"/>	Delta-V
<input checked="" type="checkbox"/>	Absolute Value
<input checked="" type="checkbox"/>	Negative
<input checked="" type="checkbox"/>	Delta Declination

Selected Components:

Name	Description
Argument of Periaapsis	Argument of the ascending node to periaapsis
Eccentricity	Eccentricity of the conic orbit
Inclination	Inclination of the plane of the orbit
Semimajor Axis	Half the major axis of the conic orbit
Time Past Periaapsis	Time past the periaapsis of the conic orbit
True Anomaly	Angular distance between the orbiting object and periaapsis

Component Details:

Name	Value	Description
AstCM_Interface	AstStateCalc	AstCM
CoordSystem	Earth_Inertial	Coordinate
Description	Angular distance from the ascending node to periaapsis	Description
Type	AstStateCalcUpPeriaapsis	Specific to
UserComment	Angular distance from the ascending node to periaapsis	User supplied

OK Cancel Apply Help

Figure 2

Targeter Edit for Targeting\_Profile

Variables:

?	Name	New Value	Last Update
x	DV_X	0.000000000000 km/sec	0.000000000000 km/sec
	DV_Y	0.000000000000 km/sec	0.000000000000 km/sec

20 24 26 28

Goals:

?	Name	Desired	Achieved
	Argument_of_Perapsis	0.000000000	0.000000000
	Eccentricity	0.300000000	0.000000000
x	Inclination	23.500000000	0.000000000
x	Semimajor_Axis	43125.000000000000 km	0.000000000
	Time Past Perapsis	0.000000000 sec.	0.000000000

Use

Achieved Value: 0.000000000

Desired Value: 0.300000000

Difference: 0.000000000

Convergence Tolerance: 0.100000000

Advanced Values

Scale: 1.000000000

Weight: 1.000000000

OK Cancel Apply Help

Nominal: 0.000000000000 km/sec

Correction: 0.000000000000 km/sec

New Value: 0.000000000000 km/sec

Last Update: 0.000000000000 km/sec

Tolerance: 0.000000000100 km/sec

Perturbation: 0.000100000000 km/sec

Max. Step: 0.050000000000 km/sec

Advanced Value Scale: 0.001000000000 km/sec

Use



